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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Marchand et al.

Serial No.: 09/853,989

Filed: May 11, 2001

For: METHODS AND APPARATUS FOR POWER CONTROL IN A SCALABLE
ARRAY OF PROCESSOR ELEMENTS

Group: 2116

Examiner: Perveen, Rehana

Durham, North Carolina
May 17, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATION OF FACSIMILE TRANSMISSION

Sirs:

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office, Fax. No. 703-872-9306 on the date set forth below

1. Response to Restriction Requirement (2 pages)

Marianna Tortorelli

Printed name of person signing

Marianna Tortorelli

Signature

Date: May 17, 2004

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P.O. Box 1450
Alexandria, VA 22313-1450Response to Restriction Requirement

Sir:

The present response replies to the Restriction Requirement mailed May 4, 2004. That requirement required restriction to one of six inventions categorized in groups as follows:

- Group I: Claims 1-4, drawn to a method for power control in a scalable pipelined array processor, classified in class 713, subclass 300.
- Group II: Claims 5-13, drawn to a reconfigurable register file system, classified in class 713, subclass 100.
- Group III: Claims 14-21, drawn to a method for conserving power where during conditional execution of multi-cycle instructions execution conditions are determined during decode, classified in class 713, subclass 320.

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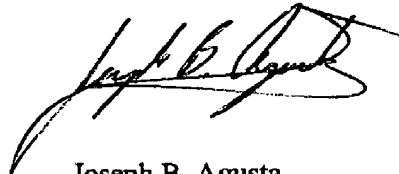
Appl. No. 09/853,989
Amdt. dated May 17, 2004
Reply to Office Action of May 4, 2004

- Group IV: Claims 22-24 and 26-29, drawn to a method for conserving power in conjunction with register file indexing, classified in class 713, subclass 320.
- Group V: Claims 25 and 30, drawn to a method for conserving power in conjunction with register file indexing of a partitioned VIM unit, classified in class 713, subclass 320.
- Group VI: Claims 31-34, drawn to a method and system for power control in a reconfigurable register file system, classified in class 713, subclass 300.

Applicants elect with traverse the Group I claims 1-4.

Please cancel claims 5-34 without prejudice to the presentation of these claims by way of divisional or otherwise.

Respectfully submitted,



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